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Customer Number

Patent  
Case No.: 56686US008

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: CHANG, JOHN C.

Application No.: 10/726901

Group Art Unit: 1751

Filed: December 3, 2003

Examiner: Unknown

Title: METHOD FOR IMPARTING SOIL AND STAIN RESISTANCE TO CARPET

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING  
I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:  
**MAY 13 2004**  
Date  
Signed by: Hylis H. Froelke

Dear Sir:

Pursuant to 37 CFR §§ 1.56, 1.97, and 1.98, enclosed is a completed Form PTO-1449, citing references submitted for consideration by the Examiner. Copies of any cited foreign patents, non-patent literature, and unpublished US application documents are enclosed. Pursuant to the waiver in the Pre-OG Notice, dated July 11, 2003, copies of US patents and published US patent applications are no longer required and are not enclosed. It is respectfully requested that the Examiner initial and return the enclosed Form PTO-1449 to indicate that each reference has been considered.

If a first Office Action on the merits has been mailed prior to the mailing date of this document, please charge the fee for consideration of an Information Disclosure Statement set forth in 37 CFR § 1.17(p), and if necessary, please charge any additional fees, or credit any overpayment to Deposit Account No. 13-3723.

05/16/2004 SDIRETA1 00000061 133723 10726901

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Respectfully submitted,

Date

May 13, 2004  
Office of Intellectual Property Counsel  
3M Innovative Properties Company  
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By:

Kent S. Kokko, Reg. No.: 33,931  
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Filing Date

December 3, 2003

First Named Inventor

Chang, John C.

Art Unit

1751

Examiner Name

Unknown

Attorney Case Number

56686US008

(Use as many sheets as necessary)

Page 1 of 2

## U.S. Patent Documents

Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)			
	A1	US- 1,901,536	03/14/1933	Schäfer	
	A2	US- 1,972,754	09/04/1934	Biedermann	
	A3	US- 1,988,985	01/22/1935	Schäfer	
	A4	US- 2,112,361	03/29/1938	Fischer	
	A5	US- 2,171,806	09/05/1939	Russell et al.	
	A6	US- 3,493,424	02/03/1970	Mohrlok et al.	
	A7	US- 4,351,736	09/28/1982	Steinberger et al.	
	A8	US- 4,680,212	07/14/1987	Blyth et al.	
	A9	US- 4,781,844	11/01/1988	Kortmann et al.	
	A10	US- 4,833,009	05/23/1989	Marshall	
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	A12	US- 4,875,901	10/24/1989	Payet et al.	
	A13	US- 4,937,123	06/26/1990	Chang et al.	
	A14	US- 4,940,757	07/10/1990	Moss, III et al.	
	A15	US- 4,963,409	10/16/1990	Liss et al.	
	A16	US- 5,001,004	03/19/1991	Fitzgerald et al.	
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	A18	US- 5,073,442	12/17/1991	Knowlton et al.	
	A19	US- 5,074,883	12/24/1991	Wang	
	A20	US- 5,098,774	03/24/1992	Chang	
	A21	US- 5,212,272	05/18/1993	Sargent et al.	
	A22	US- 5,310,828	05/10/1994	Williams	
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	A25	US- 6,468,587	10/22/2002	Chang et al.	
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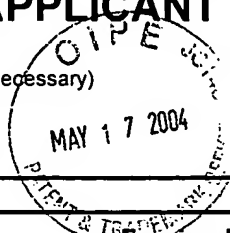
\*Examiner:

Date Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Information Disclosure Statement)

Substitute for form 1449A/PTO (modified)  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)  Page 2 of 2	<b>Application Number</b>	10/726901
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	<b>Examiner Name</b>	Unknown
	<b>Attorney Case Number</b>	56686US008



Foreign Patent Documents							
Exam. Init.*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation (Check if yes)
		Ctry. Code	Number-KindCode (If known)				
	B1	PCT	WO 92/07131	04/30/1992			
	B2	DE	30 04 824	08/20/1981			Abstract
	B3	PCT	WO 02/097188	12/05/2002			
	B4						
	B5						
	B6						
	B7						

OTHER DOCUMENTS			
Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation (Check if yes)
	C1	J. J. Bikerman, "Foams", Springer-Verlag, New York, Inc., pp. 108-132, (1973)	
	C2	Encyclopedia of Chemical Technology, Kirk-Othmer, 3 <sup>rd</sup> Ed., vol. 22, pp. 347-387, John Wiley & Sons (1983)	
	C3	Nonionic Surfactants: Physical Chemistry, "Macroemulsions", Paul Becher and Martin J. Schick, vol. 23, Chapter 8, pp. 435-491, (1987)	

<b>*Examiner:</b>	<b>Date Considered:</b>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	